2/4-PORT
HDMI SWITCH

USER'S MANUAL

Rev 1.0

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Chapter 1
Introduction

The HDMI Switcher allows access to multiple HDMI devices, such as DVD players and Satellite set-top boxes to one HDMI display.

It's a best choice for home theater systems and dual computer users. No more hassles of manually plugging in different HDMI connectors to view different HDMI sources.

1.1 Features

- Easy switching of multiple HDMI sources(e.g., DVD, Cable/Satellite receiver) using remote control or the switch button on the switcher.
- Individual LED Display of video source channels.
- Supports 480i, 480p, 720p, 1080i and 1080p resolution.
- Maintains highest HDMI single link video resolution.
- Supports DDWG standard for HDMI compliant monitors.
- HDCP Compliant.
- Low cost solution for home theater integration.
- Plug-and-play. No software installation. Installs in seconds.

1.2 Package Contents

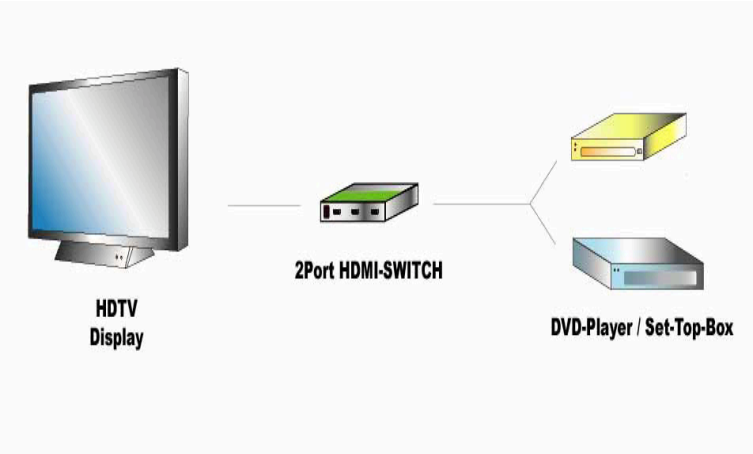
- The HDMI Switcher
- Remote controller
- 9VDC Power Supply
- User manual

1.3 Technical Specifications

Model No.	2 / 4 port HDMI Switcher
HDMI Source Input Port	**HDMI Single Link, TMDS.** **2 / 4**
Display Device Output Port	**HDMI Single Link, TMDS.** **1**
Interface	**DC Power Jack X 1** **HDMI Input Connector X 2** **HDMI Output Connector X 1**
Single Link Range	**VGA / SVGA / XGA / UXGA** **480i,480p,720p,1080i,1080p**
HDCP Function	**HDCP Compliant**
Display Device Selection	**Push Button or Remote**
Cable Length	**6 feet (In and Out respectively)**
Power Adapter	**9VDC,500mA**
Enclosure	**Metal**
Dimension (mm)	**170(W) x 73(D) x 25(H) mm**
Net Weight (g)	**320g / 330g**

Chapter 2
Installation

1. **Using standard HDMI cables to connect HDMI output port of your video source to HDMI switch HDMI input port. Make sure all HDMI source and the display turned off before connecting the cables.**
2. **Plug 9V power supply into the switch's power input port**
3. **Plug 9V wall mount power supply into the wall outlet.**
4. **Turn on the display.**
5. **Turn on video resources**
6. **Use remote control unit to change channel. Or use push button to switch channel.**



2.1 Connector Pin Assignments

HDMI Port	Pin No.	Description
HDMI 19PIN Connector	1	TMDS DATA 2 +
	2	TMDS DATA 2 SHIELD
	3	TMDS DATA 2 -
	4	TMDS DATA 1 +
	5	TMDS DATA 1 SHIELD
	6	TMDS DATA 1 -
	7	TMDS DATA 0 +
	8	TMDS DATA 0 SHIELD
	9	TMDS DATA 0 -
	10	TMDS Clock +
	11	TMDS Clock SHIELD
	12	TMDS Clock -
	13	CEC
	14	RESERVED
	15	SCL
	16	SDA
	17	DDC/CEC GND
	18	+ 5V
	19	Hot Plug Detect

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Chapter 3
Troubleshooting

Problem	Solution
Switch will not operate	1. Make sure the 9V power is plugged in the switch. 2. Check to see if the LED light is on.
No picture or Signal Or poor picture.	1. Make sure your video display is HDCP compliant. 2. If you using HDMI copper cable, overall length of cable should not exceed 15ft. Exceeding 15ft with HDMI copper cable will result in no or poor resolution. The cable length over 15ft, please use equalizer cable 3. Make sure all HDMI connectors are tightly secured to all HDMI ports. 4. Turn off all equipments and restart all equipments.

Remote control unit will not operate.	**1. Make sure the 9V power is plugged in the switch.** **2. Check to see if the LED light is on.**
Programming Universal Remote Control	**1. Remote control unit use unique codes. To program your own universal remote control, make sure use learn feature of your universal remote control unit.**